

**Climatological Data for May, 1910.**  
**DISTRICT No. 3, OHIO VALLEY.**

FERDINAND J. WALZ, District Editor.

**GENERAL SUMMARY.**

After the very cold weather which prevailed during the latter half of April, May opened very promising with high temperatures and warm sunshine the first 2 days. But on the 3d a decided change to colder weather set in and continued with but little interruption during the remainder of the month. In fact, on these first 2 days the highest temperatures of the month were registered at a majority of the stations in the district. The only other days during the month when the temperature was normal in any part of the district were the 10th, 11th, and the 20th to 24th, inclusive. The month, as a whole, averaged in temperature from  $4^{\circ}$  to  $7^{\circ}$  below that usual for May, and over much of the district it was the coldest May for which there are authentic records. May, 1907, which holds the record in this connection at most places in this district, previous to this year, still stands the coldest May in the States north of the Ohio River and in West Virginia, while in Tennessee the mean temperatures for May, 1907, and 1910 are practically the same. On the 5th and 6th and the 14-15th freezing temperatures and frost were experienced in all parts of the district, these conditions extending even to the more southerly sections. Freezing temperature and frost were again experienced at quite a few places in Ohio and the mountain sections of the district during the last week of the month. One of the most noteworthy features of the month was the remarkably cold weather so general on the 31st, when the average temperature ranged from  $8^{\circ}$  to  $28^{\circ}$  below normal in the various parts of the district; minimum temperatures were near freezing in the more northern and eastern portions, killing frost formed at elevated stations in West Virginia, and snow flurries occurred in some of the mountain portions of that State. This is probably the coldest day in recent years so general in this part of the country at so late a date in the season.

The month, as a whole, was largely cloudy, rainy, and disagreeable; and while the monthly rainfall was above normal, to any considerable amount, only in parts of the extreme southern portion, yet, on account of the unusual frequency of rains and rainy days, the month should be classed as rainy, and to such an extent as to interfere considerably with farm work. The unusually cold and rainy weather kept all vegetation and crops, except grass, in a backward state, and at the end of the month there was a great need of warm sunshine.

**TEMPERATURE.**

The average daily temperature for the month ranged from  $4^{\circ}$  to  $7^{\circ}$  below the normal for May in practically all parts of the district. At most places the average temperature was equally, or nearly, as low as has ever been recorded in May, and in many localities it was the lowest of record for that month. The month opened warm, the mean temperature during the first two days ranging from  $8^{\circ}$  to  $14^{\circ}$  above normal, and the maximum temperatures registering between  $80^{\circ}$  and  $90^{\circ}$ . Following a general storm, however, which moved into the Ohio Valley by the 3d, very cool weather set in and continued until the 9th. During this whole period the temperature averaged unusually low for the season, the deficiency ranging from  $6^{\circ}$  to  $14^{\circ}$ . Some remarkably low temperatures were recorded on the 5th and 6th. In western Maryland minimum temperatures of  $16^{\circ}$  to  $18^{\circ}$  were registered on the morning of the 6th; in Pennsylvania,  $24^{\circ}$  to  $30^{\circ}$ ; in West Virginia,  $22^{\circ}$  to  $30^{\circ}$ ; in Ohio,  $27^{\circ}$  to  $30^{\circ}$ ; in the remaining States north of the Ohio River and in Kentucky,  $32^{\circ}$  to  $40^{\circ}$ . Damaging frosts were quite general in the eastern part of the district as far south as Virginia and North Carolina. On the 10th and 11th consider-

ably warmer weather prevailed and the temperatures at most places were slightly above normal, but from the 11th to the end of the month, except during a short period from the 20th to the 23d, inclusive, when the temperatures were normal, or slightly above, the weather was persistently cold, with average temperatures  $6^{\circ}$  to  $25^{\circ}$  below the seasonal normal. On the 14th and 15th some remarkably low temperatures were again registered, as follows: In North Carolina and western Virginia they were between  $19^{\circ}$  and  $35^{\circ}$ ; in Kentucky, between  $30^{\circ}$  and  $40^{\circ}$ ; in Tennessee between  $25^{\circ}$  and  $35^{\circ}$ ; in northern portions of Alabama and Georgia, between  $33^{\circ}$  and  $40^{\circ}$ ; and freezing or slightly below in the other States of the district. Light to heavy frosts occurred on these dates over the larger portion of the district.

The last day of the month was probably the coldest in nearly all parts of the district ever recorded that late in May. The average temperatures on the 31st ranged from  $8^{\circ}$  to  $28^{\circ}$  below normal, and minimum temperatures of  $31^{\circ}$  to  $45^{\circ}$  were registered at many stations in the northern and eastern portions of the district. Killing frosts occurred on the 28th and 31st at elevated stations in West Virginia and North Carolina, and light frost occurred on the 28th in the Cumberland Mountain section of Tennessee.

**PRECIPITATION.**

Rains were of frequent occurrence during the entire month. On the 2d and 3d an extensive rain area moved into the Ohio Valley, bringing general showers, mostly thunderstorms, on those days, being followed by the cold weather already mentioned. From the 6th to the 8th a general storm advanced from the Southwest, causing general rains and thunderstorms over nearly the whole of the district. The rainfall was heavy and the thunderstorms were quite severe in some sections, especially in Kentucky and eastern Tennessee. Another general disturbance, attended by thundershowers, passed over the Ohio Valley on the 11th and 12th. From the 16th to 25th rain was more or less general over the district every day, due to a series of marked storm areas (mostly from the eastern slope of the Rocky Mountains), which moved eastward over the Mississippi and Ohio valleys. Some very heavy rains occurred over the Tennessee and upper Cumberland watersheds about the 24-25th.

Thunderstorms occurred in practically every part of the district on the 29th, nearly every station reporting such storms. Hail and wind squalls attended these thunderstorms in many localities, and some minor damage from these causes was reported from West Virginia and Tennessee.

Excessive 24-hour rainfalls occurred over portions of the Tennessee watershed on the 7th, 8th, 19th, and 20th. At Brevard, Tenn., 4.77 inches of rain fell within 24 hours on the 7-8th.

The total rainfall for the month was about normal over the greater portion of the district. It was decidedly in excess, however, over considerable parts of the southern portion. There was a slight deficiency in western Pennsylvania and northeastern Ohio, and a considerable deficiency in southwestern Tennessee and southwestern Virginia. Over the Tennessee watershed, and over the Cumberland watershed of south-central Kentucky and western Tennessee, the amount of precipitation for the month exceeded 6 inches. The amount about the headwaters of the Tennessee was from 9 to 10 inches in North Carolina and Georgia, and from 7 to 8.5 inches in Alabama. Over the greater part of the central portion of the district, i. e., that portion nearest the Ohio River, the amounts were from 4 to 5 inches. Over the upper watershed of the

Wabash in Illinois it was between 5 and 6 inches, and over the remainder of the district between 2.5 and 4 inches.

Traces of snow occurred in the northern and mountain sections of West Virginia on the 14th and in portions of Grant and Preston counties on the 31st.

#### MISCELLANEOUS.

*May 4.*—Lightning struck and burned a large barn on a farm near Maysville, Ky. The barn was filled with corn, oats, and other farm products, all of which were destroyed, besides 2 horses and a buggy.

*May 5.*—Lightning struck and killed one man and injured another in Owsley County, Ky. The men had taken shelter under an oak tree.

*May 11.*—Lightning struck Christ Church Cathedral in Louisville, Ky., damaging the steeple and injuring a woman who was passing. The same day lightning struck the Second Presbyterian Church in New Albany, Ind., damaging the steeple and roof.

*May 12.*—Two mules were killed by lightning and a man who was riding one of them was severely stunned in Ballard County, Ky.

*May 14.*—Near Owensboro, Ky., a woman was killed by

lightning while talking over the telephone. At the same place on the 24th high winds did considerable damage to trees and small buildings.

*May 22.*—A severe local storm passed over Cairo, Ill., demolishing 4 residences, destroying several barns, and tearing many trees up by the roots. No fatalities were reported, but several persons were injured.

*May 29.*—Several hail and wind storms did considerable damage in south-central Kentucky and north-central Tennessee. Near Leitchfield, Ky., the hailstones were of extraordinary size and damaged windows, roofs, fruit trees, and crops. At Nashville, Tenn., the hailstones were of unusual size (some measuring 1 inch in diameter) and, as the wind was blowing at the rate of 44 miles per hour at the time of the hailstorm, much damage resulted. Similar conditions were reported from many other places in various parts of Tennessee. During the night of May 29-30 a severe storm, with tornadic characteristics, swept over the Elk River Valley region, near Charleston, W. Va., killing 1 man and many head of live stock, wrecking scores of buildings, and destroying valuable timber on hundreds of acres of land. The amount of damage is estimated at over \$100,000.

TABLE 1.—Climatological data for May, 1910. District No. 3, Ohio Valley.

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.	
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmeasured.	Number of rainy days, .01 inch or more.	Number of clear days.	Number of cloudy days.		
<i>New York.</i>																			
Allegany.....	Cattaraugus.....	1,441	4	52.5	- 3.0	79	21†	25	13	44	3.73	- 0.38	1.05	T.	17	9	8	14	nw.
Bolivar.....	Allegany.....	1,800	16	52.6	- 2.3	79	21†	22	8	48	3.65	- 0.01	0.78	0.0	12	7	5	19	sw.
Franklinville.....	Cattaraugus.....	1,598	13	52.2	- 2.3	77	21	25	13	41	3.57	- 0.60	0.99	0.0	14	5	7	10	nw.
Olean.....	do.....	2									3.70	- 1.16	0.0	17	17	6	8	w.	John W. Alles.
<i>Pennsylvania.</i>																			
Aleppo.....	Greene.....	1,135	9	54.2	- 3.3	83	2	27	6	48	4.18	- 0.60	0.74	T.	12	13	10	8	sw.
Baldwin.....	Butler.....	1,404	4	54.0	- 3.3	80	22†	24	6	36	3.48	- 0.50	0.70	0.0	15	10	16	5	w.
Claysville.....	Washington.....	1,127	6	58.0	- 4.0	87	2	24	6	49	4.71	- 0.60	0.92	0.0	12	10	13	8	w.
Franklin.....	Venango.....	955	36	54.4	- 4.0	81	24	30	6	42	2.83	- 0.52	0.80	0.0	7	13	7	11	w.
Greenville.....	Mercer.....	950	14	54.6	- 3.1	82	22†	26	6	44	4.49	+ 1.10	1.02	0.0	15	17	5	9	w.
Indiana.....	Indiana.....	1,350	13	57.6	- 2.3	84	2	27	6	41	3.85	- 0.60	1.05	0.0	13	13	5	12	s.
Johnstown.....	Cambria.....	1,184	22	57.1	- 4.2	82	3	30	6	42	3.52	- 0.81	0.66	0.0	17	11	17	3	sw.
Lycippus.....	Westmoreland.....	1,420	18	58.2	- 2.9	84	23†	32	6	31	3.18	- 0.78	0.80	0.0	12	12	8	12	Murray Forbes.
Pittsburg.....	Allegheny.....	842	40	57.8	- 4.8	83	2	36	6	29	3.24	- 0.96	0.78	0.0	17	8	12	11	nw.
Saegeertown.....	Crawford.....	1,116	19	53.3	- 3.7	80	23†	25	6	45	3.37	- 1.38	0.93	0.0	17	4	15	11	n.
St. Marys.....	Elk.....	1,740	12	52.9	- 3.7	80	22	29	6	36	3.25	- 0.60	0.48	T.	15	10	13	8	Wm. E. Wittman.
Skidmore.....	Lawrence.....	1,000	6	54.0	- 3.3	83	22	26	6	40	3.10	- 0.60	0.60	0.0	10	19	3	8	sw.
Somerset.....	Somerset.....	2,250	54	55.2	- 1.7	86	2	25	6	38	3.34	- 2.03	0.63	0.0	12	3	20	8	nw.
Uniontown.....	Fayette.....	999	22	57.9	- 3.9	87	23	29	6	30	3.86	- 0.81	0.0	0	16	2	19	10	n.
Warren.....	Warren.....	1,137	21	52.8	- 3.9	79	23†	27	6	31	3.02	- 1.77	0.96	0.0	9	16	0	15	Wm. Hunt.
<i>Maryland.</i>																			Anna Simpson.
Deer Park.....	Garrett.....	16	52.8	- 3.8	87	2	16	6	47	4.09	- 0.54	0.74	0.0	14	9	6	8	s.	
Crantsville.....	do.....	16	53.0	- 4.3	80	2†	28	6	34	4.06	- 0.60	1.00	0.0	9 <sup>b</sup>	6 <sup>a</sup>	18 <sup>a</sup>	6 <sup>a</sup>	w.	
Oakland.....	do.....	10	53.4	- 2.0	83	2†	18	6	44	3.43	- 0.65	T.	16	7	15	9	w.		
<i>West Virginia.</i>																			Uriah Hevener, jr.
Arbovalo.....	Pocahontas.....	2	59.8	- 3.8	88	2	31	6	37	5.87	- 1.42	0.0	12	9	3	19	sw.	James Hill.	
Bancroft.....	Putnam.....	6	59.9	- 2.8	86	23†	30	5	42	2.49	- 0.35	0.60	0.0	5	14	0	17	w.	
Beckley.....	Raleigh.....	2,440	11	56.9	- 2.8	86	2	32	6	44	4.78	- 0.70	0.70	0.0	16	15	7	9	J. D. Riggs.
Bon's Run.....	Pleasants.....	622	9	58.5	- 3.1	87	2	31	6	38	3.50	- 1.06	0.65	0.0	12	15	8	8	Norfolk & Western Ry.
Bluefield.....	Mercer.....	2,503	12	57.6	- 5.0	83	2	25	6	41	4.62	- 0.41	1.05	0.0	12	15	2	12	H. A. Darnall.
Buckhannon.....	Upshur.....	1,472	20	58.0	- 4.8	87	19	25	6	49	4.49	- 0.65	0.67	0.0	16	17	2	12	Van A. Zevely.
Cairo.....	Ritchie.....	607	8	60.0	- 2.1	88	1†	27	6	40	4.34	- 0.52	0.0	0	18	3	15	G. W. Sherwood.	
Central Station.....	Doddridge.....	900	11	55.4	- 6.9	87	2	23	6	43	4.75	+ 1.22	0.54	0.0	17	5	16	R. C. Hewes.	
Charleston.....	Kanawha.....	508	24	61.6	- 3.1	88	2	35	6	32	4.93	+ 0.87	1.31	0.0	8	15	9	7	J. M. Reed.
Creston.....	Wirt.....	612	10	60.2	- 3.3	89	2	30	6	41	3.83	+ 0.14	0.90	0.0	7	9	7	15	C. T. Perry.
Cuba.....	Jackson.....	544	9	57.7	- 3.7	86	2	25	6	40	4.43	+ 1.04	0.67	0.0	14	7	20	4	W. H. Jude.
Doane.....	Wayne.....	5																J. J. Lincoln.	
Elkhorn.....	McDowell.....	1,933	18	58.2	- 4.8	84	1†	29	15	41	3.54	- 1.11	0.65	T.	8	16	5	10	U. S. Weather Bureau.
Elkins.....	Randolph.....	1,040	11	55.2	- 3.9	86	23	25	6	39	3.91	- 0.07	1.00	0.0	18	9	10	12	H. Glenn Fleming.
Fairmont.....	Marion.....	879	18	58.1 <sup>a</sup>	- 2.1	89	2	24	6	47	3.92 <sup>a</sup>	- 0.55 <sup>a</sup>	0.0	13 <sup>a</sup>	10	8	7	16	John Holt.
Glenville.....	Gilmer.....	738	22	60.0	- 3.1	89	2	28	6	42	4.62	+ 0.41	1.05	0.0	10	8	11	6	John W. Snider.
Grafton.....	Taylor.....	985	18	58.6	- 3.3	88	2	25	6	45	3.78	- 0.65	0.69	0.0	13	11	14	6	John W. Dalton.
Green Sulphur Springs.....	Summers.....	1,800	14	56.8	- 5.0	90	23	27	6	41	3.55	- 0.11	0.60	0.0	12	18	6	7	V. V. Daly.
Hinton.....	do.....	1,400	21								3.39	- 0.66	0.94	0.0	12				L. H. Hutchinson.
Huntingdon.....	Cabell.....	510	15	60.4	- 4.6	89	2	33	6	30	5.16	+ 1.32	1.30	0.0	10	15	2	14	Geo. T. Afagbare.
Lewisburg.....	Greenbrier.....	2,200	10	56.0	- 5.0	85	2	28	6	41	2.29	- 1.88	0.73	T.	10	15	11	H. C. Ragland.	
Logan.....	Logan.....	665	8	62.8	- 2.1	93	2	35	6	41	5.33	- 1.20	0.0	0	13	6	24	Allen Smith.	
Lost Creek.....	Harrison.....	1,033	14	56.7	- 4.7	87	1†	22	6	42	4.13	- 0.66	0.59	0.0	17	11	7	13	S. E. Bradley.
Madison.....	Boone.....	704	5	57.4	- 2.1	87	2	25	6	43	4.64	- 0.79	0.0	17	9	14	8	sw.	
Madington.....	Marion.....	967	7	57.4	- 2.1	87	2	25	6	43	4.64	- 0.79	0.0	17	9	14	8	sw.	
Marlinton.....	Pocahontas.....	2,189	11	57.8	- 4.8	84	2	30	6	38	3.69	+ 0.03	0.90	0.0	11	11	9	9	J. C. McCarty.
Morgantown.....	Monongalia.....	1,250	36	57.8	- 4.8	84	2	30	6	40	3.69	- 0.37	0.56 <sup>b</sup>	0.0	8 <sup>b</sup>			Horace Atwood.	
Moundsville.....	Marshall.....	640	8	58.2	- 4.2	87	2	29	6	40	3.89	- 0.30	0.90	0.0	14	14	6	11	J. E. Matthews.
New Cumberland.....	Hancock.....	987	10	56.6	- 4.2	84	2	28	6	40	3.75	+ 0.21	0.80	0.0	12	8	6	17	Frank S. Evans.
New Martinsville.....	Wetzel.....	634	17	55.6	- 5.2	87	2	30	6	40	3.79	+ 0.09	0.87	T.	13	16	5	10	Wm. Ankon.
Nuttallburg.....	Fayette.....	2,252	18	54.8	- 7.6	84	1	28	6	40	1.55	- 2.13	0.42	0.0	12	9	14	8	Stephen Tully.
Parkersburg.....	Wood.....	633	22	55.8	- 4.5	86	2	35	6	34	3.34	- 0.12	0.78	0.0	13	8	10	13	U. S. Weather Bureau.
Parsons.....	Tucker.....	1,662	11	55.3	- 4.3	83	23	22	6	45	4.87	+ 0.68	1.00	0.0	13	10	17	4	J. W. Swisher.
Philippi.....	Barbour.....	1,192	18	57.3	- 4.6	86	2†	25	5	40	3.32	- 1.22	0.49	0.0	15	10	12	9	J. D. Dadiaman.
Pickens.....	Randolph.....	3,785	20	54.9	- 3.9	88	2	25	6	44	5.26	+ 0.09	1.18	T.	13	12	7	E. M. Cunningham.	
Pineville.....	Wyoming.....	553	21	60.0	- 0.1	88	2	29	6	38	3.86	+ 0.13	1.00	0.0	11	11	3	17	E. H. Armstrong.
Point Pleasant.....	Mason.....	904	14	61.4 <sup>a</sup>	- 1.1	84	1†	31 <sup>a</sup>	5	43 <sup>a</sup>	4.34 <sup>a</sup>	- 0.55 <sup>a</sup>	0.0	10	12	10	9	D. Swain.	
Princeton.....	Fayette.....	2,469	10	54.0	- 23	78	23	25	15	36	5.70	- 0.18	1.30	0.0	10	12	10	9	H. Scott.
Robertsburg.....	Meret.....	639	7	57.0	- 2.1	88	1	26	6	47	4.90	- 0.81	0.0	13	8	10	13	E. P. Turley.	
Ryan.....	Smithfield.....	666	6	56.2	- 2.1	84	2	29	6	38	4.56</td								

TABLE 1.—Climatological data for May, 1910. District No. 3—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit.				Precipitation, in inches.				Sky.	Prevailing wind direction.	Observers.					
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmetted.	Number of rainy days, .01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	
Ohio—Cont'd.																			
Frankfort.	Ross.	750	18	58.8	-4.0	87	2	30	51	45	3.67	+0.10	0.98	0.0	8	12	9	10	s.
Garretttsville.	Portage.	1,005	26	53.6	-3.3	86	2	25	61	42	4.10	+0.29	1.31	0.0	14	8	6	17	nw.
Granville.	Licking.	980	28	55.8	-4.8	85	1†	28*	61	39*	4.84	+1.24	0.82	0.0	15	16	0	15	w.
Gratiot.	do.	1,000	21	55.8	-5.0	82	1	25	61	42	3.46	-0.10	0.82	0.0	13	7	16	8	sw.
Green.	Adams.	500	17	59.2	-5.0	86	15	31	61	42	4.26	+0.49	1.25	0.0	8	13	12	6	n.
Green Hill.	Columbiana.	1,135	18	53.0	-5.1	80	2†	23	61	42	2.46	-0.76	0.41	0.0	18	7	18	6	sw.
Greenville.	Darke.	1,060	24	57.2	-3.5	82	21	34	41	39	3.24	-0.68	1.08	0.0	13	10	10	11	nw.
Hillsboro.	Highland.	1,063	31	57.2	-5.0	82	2	33	51	31	4.32	+0.85	1.02	0.0	10	3	22	6	sw.
Ironton.	Lawrence.	575	27	60.3	-3.1	88	2	32	61	36	5.13	+1.44	1.20	0.0	12	13	8	10	sw.
Jacksonburg.	Butler.	975	42	56.8	-5.7	82	2	33	5	34	4.70	+1.06	1.12	0.0					Dr. J. B. Owlesley.
Kenton.	Hardin.	1,015	18	54.6	-5.6	80*	21	27	51	38	3.39	-0.65	0.77	0.0	16	8	13	10	nw.
Killbuck.	Holmes.	1,087	18	55.8	-4.7	82	21	26	61	40	5.22	+1.58	0.60	0.0	15	7	18	6	n.
Lancaster.	Fairfield.	895	18	57.7	-4.6	83	2	31	5†	32	3.70	-0.61	0.80	0.0	16	15	3	13	sw.
Lawshe.	Adams.	900	7	58.2	-4.3	84	2	27	51	39	3.41	-0.66	0.60	0.0	15	11	9	9	w.
McConnelsville.	Morgan.	710	26	56.6	-5.4	84	1	26	61	36	5.66	+1.85	1.74	0.0	15	6	10	9	s.
Marietta.	Washington.	827	90	59.1	-3.8	86	2	31	61	40	4.39	+0.52	0.70	0.0	17	8	13	10	n.
Marion.	Marion.	980	33	57.3	-3.9	85	21	27	5	40	4.54	+0.91	1.12	0.0	12	9	16	6	sw.
Mifflinton.	Knox.	1,200	18	55.4	-4.0	80	21	27	61	34	3.69	+0.22	0.84	0.0	15	13	9	9	sw.
Milligan.	Perry.	875	17	55.5	-6.3	86	2	22	61	42	6.21	+2.82	1.21	0.0	16	11	9	9	nw.
Milport.	Columbiana.	1,145	18	53.8	-5.7	80	1†	25	61	40	3.81	+0.78	1.00	0.0	15	5	15	11	sw.
Nellie.	Coshcoth.	850	10	54.6	-6.8	82	2	24	61	40	3.90	+0.31	0.76	0.0	13	14	7	10	w.
New Alexandria.	Jefferson.	1,050	25	56.8	-4.8	86	1	28	61	45	4.80	+1.16	1.30	0.0	8	18	1	12	w.
New Berlin.	Stark.	1,100	18	54.4	-5.3	81	21	28	61	40	3.68	+0.12	1.2	0.0	16	18	3	10	nw.
New Waterford.	Columbiana.	1,053	16	57.5	-3.5	82	1†	27	61	42	3.26	-0.11	0.0	0.0	8	15	8	8	sw.
Ohio State University.	Franklin.	737	27	56.7	-4.5	81	2	30	61	35	3.51	-0.48	0.74	0.0	12	5	14	12	sw.
Pataksala.	Licking.	997	18	55.9	-5.4	82	2	27	61	37	4.11	+0.49	0.95	0.0	15	5	19	7	nw.
Phil(1).	Muskingum.	1,018	15	56.8	-6.0	84	1†	30	61	35	4.80	+1.21	1.02	0.0	15	11	8	12	sw.
Plattensburg.	Clarke.	1,130	17	56.1	-5.4	80	1	31	5†	35	5.47	+2.02	0.83	0.0	18	9	13	9	w.
Pomeroy.	Meigs.	781	26	59.2	-5.6	87	2	34	61	37	3.40	-0.03	0.49	0.0	15	7	13	11	nw.
Portsmouth.	Scioto.	527	70	59.0	-6.0	86	2	32	15	33	4.35	+0.78	0.82	0.0	9	12	5	14	w.
Rittman.	Wayne.	990	18	53.6	-5.1	82	2	28	5	45	4.23	+0.53	0.63	0.0	13	11	5	15	n.
Shenandoah.	Richland.	1,100	18	52.5	-6.3	73	21	26	61	34	3.49	-0.51	1.00	0.0	14	4	17	10	sw.
Sidney.	Shelby.	985	27	57.4	-4.3	80	2†	31	5	38	4.61	+0.28	1.26	0.0	17	11	6	14	sw.
Somerset.	Perry.	1,080	11	57.7	-5.5	83	2†	32	5	35	5.12	+1.25	1.54	0.0	15	9	19	7	s.
Springfield.	Clarke.	1,002	16								4.46	+1.15	0.99	0.0	18	7	18	6	s.
Summerfield.	Noble.	1,187	4	55.8	-5.4	84	2	24	61	43	4.14	-0.75	1.75	T.	15	6	18	7	s.
Thurman.	Gallia.	866	17	59.5	-4.8	88	1†	31	61	37	3.06	+1.11	0.62	0.0	11	5	13	13	sw.
Urbana.	Champaign.	1,031	40	57.0	-4.3	83	1†	28	51	40	5.14	+1.64	1.63	T.	13	5	19	7	nw.
Warren.	Trumbull.	900	21	55.1	-5.5	84	22	27	15	40	3.05	-0.83	0.62	T.	15	5	13	13	sw.
Waverly.	Pike.	500	27	56.7	-7.4	87	2	26	61	41	3.42	-0.38	0.83	0.0	14	6	11	5	s.
Wayneville.	Warren.	700	25	56.4	-5.9	81*	1†	34	5	33	4.34	+0.34	0.72	0.0	13	11	9	11	sw.
Wooster.	Wayne.	1,030	30	54.8	-3.8	82	28	25	61	47	4.87	+0.95	1.05	0.0	17	6	17	17	nw.
Youngstown.	Mahoning.	846	18								2.17	-1.27	0.50	0.0	12	19	0	12	w.
Zaneaville.	Muskingum.	700	23								3.49	-0.10	0.74	0.0	16	19	1	11	w.
Virginia.																			
Big Stone Gap.	Wise.	1,540	19	59.5	-3.5	83	1	33	15	42	5.55	+1.46	1.25	0.0	13	6	12	6	w.
Blacksburg.	Montgomery.	2,170	19	56.0	-4.7	84	2	26	15	42	4.18	+0.35	0.70	0.0	12	13	8	10	w.
Burkes Garden.	Tazewell.	3,250	15	52.6	-3.6	77	22	19	15	46	4.07	-0.89	0.80	0.0	9	10	6	15	w.
Elk Knob.	Lee.	3,243	7	50.5	-5.1	81	1	35	15	32	5.80	-1.00	0.0	0.0	17	15	7	9	sw.
Galax.	Grayson.	2,300	2	57.2	-5.7	83	1	25	15	40	2.91	-0.96	0.7	0.0	12	6	12	6	nw.
Ivanhoe*§.	Wythe.	2,028	6	58.1	-5.4	80	1†	34	15	28	3.90	-0.78	0.0	0.0	15	6	15	3	w.
Lebanon.	Russell.	2,131	6	58.2	-5.1	81	22	26	14	40	2.92	-0.70	0.0	0.0	9	14	6	11	sw.
Marion.	Smyth.	2,224	15	57.3	-4.8	82	2	29	6†	41	2.90	-1.18	1.16	0.0	9	16	12	3	w.
Max Meadows.	Wythe.	2,028	14	56.4	-6.1	84	2	28	6†	39	4.20	+0.30	1.15	0.0	10	8	6	7	w.
Mendoza.	Washington.	1,350	4	59.0	-4.3	83	1	27	15	34	4.61	-1.60	0.0	0.0	13	4	13	4	sw.
Mendota.	Montgomery.	1,773	4	54.8	-5.4	81*	1†	34	15	33	4.28	-1.02	0.0	0.0	10	10	10	10	w.
Radford.	Scott.	1,221	14	58.0	-4.2	84	1	29	14	37	5.94	+1.14	1.32	0.0	13	9	9	9	sw.
Spears Ferry.	Wythe.	2,293	17	57.3	-4.3	82	2	28	15	37	2.56	-1.35	0.59	0.0	14	16	5	10	w.
North Carolina.																			
Andrews.	Cherokee.	1,800	61.3	-3.5	85	1†	33	15	40	10.06	-2.67	0.0	0.0	15	13	12	6	sw.	
Ashville.	Buncombe.	2,250	31	58.0	-3.7	85	1	34	15	36	4.65	+0.87	1.77	0.0	16	14	11	11	sw.
Banners Elk.	Watauga.	3,750	2	52.6	-2.2	80	1	22	15	44	4.26	-1.25	0.0	0.0	14	17	3	11	w.
Brevard.	Transylvania.	2,230	9	50.8*	1	86*	1	29	14	46	8.76	-4.77	0.0	0.0	13	19	4	8	s.
Bryson City.	Swain.	2,000	22	59.2	-5.1	86	1	29	14	45	7.17	-1.40	0.0	0.0	15	13	7	11	nw.
Cullowhee.	Henderson.	2,167	14																
Highlands.	Henderson.	3,670	20	54.4*	-3.6	78*	1	28*	14	36*	5.56	+1.01	1.50	0.0	9	15	7	9	nw.
Hot Springs.	Macon.	1,326	12	61.7	-4.3	88	3	35	14	34	4.89	-0.86	0.0	0.0	13	17	7	7	w.
Jefferson.	Ashe.	2,800	3	57.4	-5.1	83	1	27	15	38	3.73	-1.49	0.0	0.0	8	14	4	13	w.
Marshall.	Madison.	1,646	9	61.0	-4.8	88	2	32	15	39	4.70	-0.85	0.0	0.0	12	15	3	12	sw.
Murphy.	Cherokee.	1,614	34	61.0	-4.5	90	30	34	14										



# MONTHLY WEATHER REVIEW.

MAY, 1910

**TABLE 1.—Climatological data for May, 1910. District No. 3—Continued.**

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit.				Precipitation, in inches.				Greatest in 24 hours.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unadjusted.	Number of rainy days, .01 inch or more.	Number of partly cloudy days.	Number of clear days.	Sky.	Prevailing wind direction.	Observers.
				Mean.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.												
Tennessee—Cont'd.																						
Elizabethhton.	Carter.	1,575	20	58.9	-3.7	84 1	31 14	45	5.87 + 1.37	1.43	0.0	15	13	13	5	se.	Lee F. Miller.					
Erasmus.	Cumberland.	1,850	13	63.8	-3.9	84 11†	30 15	31	5.46 + 1.57	0.90	0.0	13	15	6	10	s.	Mrs. E. D. Ashley.					
Florence.	Rutherford.	560	28	63.4	-4.2	84 11†	38 15	32	6.10 + 2.22	1.60	0.0	11	11	5	15	....	Erasmus P. Bell.					
Franklin.	Williamson.	655	20	63.4	-3.1	89 29	39 14	46	5.58 + 1.99	0.90	0.0	13	11	15	5	....	J. L. Parkes, Jr.					
Harriman.	Roane.	841	15	64.3	-3.1	89 29	39 14	46	5.58 + 1.99	0.90	0.0	13	11	15	5	....	Robert R. Ayers.					
Hohenwald.	Lewis.	983	24	63.3	-3.5	85 11†	35 14	44	7.14 + 3.02	3.70	0.0	10	13	12	6	s.	John Lutzelman.					
Iron City.	Lawrence.	13	64.3*	-3.6	89 29	33 14	40	5.01 + 0.83	1.32	0.0	12	2	27	2	nw.	Capt. H. P. Seavy.						
Johnsonville.	Humphreys.	364	14	64.1	-5.0	89 29	35 15	38	4.04 + 0.34	0.75	0.0	13	12	7	12	s.	Miss Sallie B. Matthews.					
Jonesboro.	Washington.	1,740	15	58.9	-5.6	85 1	32 14	36	5.42 + 1.80	0.80	0.0	11	14	3	14	ne.	Robert A. Lovegrove.					
Knoxville.	Knox.	977	39	63.1	-3.4	84 1	40 14	32	7.28 + 3.58	1.57	0.0	15	10	13	8	sw.	U. S. Weather Bureau.					
Lebanon.	Wilson.	522	1	64.3	-4.0	86 29	37 15	40	6.55 + 0.94	0.0	0.0	15	9	6	16	s.	Logan Fields.					
Lewisburg.	Marshall.	727	15	63.0	-5.2	89 29	34 15	40	6.32 + 2.70	1.49	0.0	13	14	4	13	s.	Dr. R. D. Crutcher.					
Lynville.	Giles.	770	22	63.4	-4.5	85 11	39 14	32	5.46 + 1.05	1.68	0.0	11	15	5	n.	Col. J. H. Burrow.						
McMinnville.	Warren.	1,011	26	62.8	-4.5	85 11†	35 14	38	4.98 + 1.26	1.05	0.0	16	9	9	9	sw.	Mrs. F. E. Benedict.					
Maryville.	Blount.	1,080	14	63.4	-4.6	85 1†	37 14	36	6.68 + 2.95	0.95	0.0	15	13	9	5	....	E. E. Barry.					
Mountain City.	Johnson.	2,486	13	56.8	-4.8	85 1	25 15	45	5.41 + 0.26	0.73	0.0	12	17	9	5	w.	U. S. Weather Bureau.					
Nashville.	Davidson.	654	39	64.8	-4.0	86 11	42 15	31	5.81 + 2.31	1.43	0.0	14	12	7	12	w.	Dr. C. T. Burnett.					
Newport.	Cooke.	1,280	20	60.8*	-5.7	82 <sup>a</sup> 1†	36 15	35	5.05 + 0.84	1.00	0.0	9	17	5	9	w.	Mrs. Ross Woods.					
Palmetto.	Bedford.	770	17	63.6	-4.9	88 29	36 15	38	3.60 + 0.40	1.12	0.0	8	9	2	10	s.	Miss Carrie Cash.					
Pinewood.	Hickman.	3	63.6*	-5.0	89 <sup>b</sup> 29	32 15	42	4.94 + 1.03	0.60	0.0	12	6	15	10	n.	Miss Bessie Howard.						
Pope.	Perry.	13	62.14	-7.0	86 <sup>d</sup> 10	38 <sup>d</sup> 14	36 <sup>d</sup> 10	4.60 + 0.65	2.20	0.0	0	9	16	8	7	s.	Fred. Beal.					
Rogersville.	Hawkins.	1,150	25	61.2	-3.6	84 1†	34 15	57	5.03 + 1.39	1.26	0.0	12	11	10	10	w.	S. G. Wilson.					
Rugby.	Morgan.	1,410	22	59.6	-4.6	86 1	29 14	44	7.64 + 3.40	2.18	0.0	13	8	14	9	sw.	J. A. Spencer.					
Savannah.	Hardin.	442	24	65.4	-3.6	86 29	37 14	35	2.28 + 2.02	0.90	0.0	5	15	9	7	....	H. O. Eckel.					
Sevierville.	Sevier.	4	61.4*	-5.0	89 29	34 14	41 14	4.58 + 0.94	1.38	0.0	12	5	8	18	s.	University of the South.						
Sewanee.	Franklin.	2,000	14	60.2	-5.8	81 1†	41 16	31	6.00 + 2.14	0.0	0	9	14	0	17	sw.	E. H. Hull.					
Sparta.	White.	930	4	63.5	-5.8	88 <sup>c</sup> 29	36 14	42	6.08 + 0.85	0.0	0	14	8	12	11	w.	Mrs. Lucy E. Breeding.					
Springdale.	Clayborne.	1,058	20	63.3	-5.8	88 <sup>c</sup> 29	36 14	40	6.08 + 0.85	0.0	0	12	6	15	10	n.	H. A. Boden.					
Springville.	Henry.	377	7	63.4	-4.4	87 29	35 15	35	4.74 + 1.60	0.0	0	13	16	3	12	w.	R. T. Moore.					
Tullahoma.	Coffee.	1,075	22	63.3	-3.6	85 <sup>c</sup> 11†	35 14	34	4.93 + 1.45	0.80	0.0	12	12	9	9	s.	H. C. Boyd.					
Waynesboro.	Wayne.	753	24	63.8	-3.2	86 29	35 14	36	6.16 + 2.54	1.58	0.0	14	11	8	12	s.	W. R. Wilson.					
Wildersville.	Henderson.	13	65.4	-3.6	89 11	38 14	35	3.96 + 1.28	1.38	0.0	8	13	5	13	s.	W. P. Watson.						
Yukon.	Lincoln.	850	13	64.3	-5.6	86 29	39 13	31	4.71 + 0.78	1.58	0.0	10	11	9	11	sw.						
Kentucky.	Clinton.	16	62.6	-4.3	83 1	40 14	31	7.61 + 4.16	1.50	0.0	13	13	8	10	w.	W. W. Hicks.						
Alpha.	Jefferson.	700	9	58.6	-5.5	84 2	33 14	33	4.92 + 0.95	1.32	0.0	11	14	5	12	sw.	C. E. Barrett.					
Bardstown.	Nelson.	637	14	62.0	-5.2	87 2	35 14	38	3.82 + 0.78	0.80	0.0	11	14	1	16	sw.	G. M. Talbott.					
Beattyville.	Lee.	650	7	50.4	-5.0	89 2	32 14	6†	4.80 + 1.90	0.80	0.0	12	11	5	15	nv.	G. W. Cann.					
Beaver Dam.	Ohio.	441	7	62.6	-5.0	85 2	35 14	36	2.71 + 0.59	0.59	0.0	10	17	0	14	sw.	T. S. Woodward.					
Berea.	Madison.	1,070	9	61.2*	-5.0	85 <sup>a</sup> 1†	33 14	57	38.57 + 1.02 <sup>a</sup>	0.0	0	10	13 <sup>a</sup>	8 <sup>a</sup>	9 <sup>a</sup>	sw.	C. F. Rumold.					
Bowling Green.	Warren.	500	21	64.0	-3.6	88 1†	37 14	40	6.25 + 2.17	1.30	0.0	12	12	4	15	s.	Mrs. L. G. Causey.					
Burnside.	Pulaski.	773	20	63.5	-5.0	86 29	38 14	34	3.70 + 3.34	1.62	0.0	16	15	6	14	ne.	G. M. Estes.					
Cadiz.	Trigg.	8	63.5	-5.0	86 29	38 14	34	3.70 + 3.34	1.62	0.0	9	12	6	13	....	F. T. Street.						
Calhoun.	McLean.	397	7	64.0	-5.0	85 29	39 15	33	2.37 + 0.85	0.85	0.0	13	6	17	8	sw.	W. A. Taylor.					
Calleetburg.	Boyd.	644	17	62.4	-4.4	86 2	36 14	38	3.56 + 1.44	1.22	0.0	12	16	5	10	n.	Chas. N. Bruns.					
Earlington.	Hopkins.	370	21	62.4	-4.4	86 2	36 14	38	3.56 + 1.44	1.22	0.0	12	16	1	14	s.	J. B. Atkinson.					
Edmonton.	Metcalfe.	600	19	60.8	-4.2	83 2†	33 14	38	9.00 + 4.58	2.33	0.0	13	14	8	9	sw.	Miss Lee Ray.					
Eubank.	Pulaski.	1,177	16	59.4	-5.1	85 2	32 14	35	5.82 + 2.12	1.22	0.0	16	16	1	14	sw.	W. H. Henderson.					
Falmouth.	Pendleton.	530	21	59.4	-5.0	87 2	30 15	40	5.62 + 0.35	0.70	0.0	12	17	3	11	s.	J. V. Oldham.					
Farmers.	Rowan.	668	5	59.4	-5.3	87 1†	30 15	40	5.62 + 0.35	1.50	0.0	12	4	17	10	w.	Miss Gertrude Sorrell.					
Frankfort.	Franklin.	560	20	60.0	-5.3	83 2	37 14	31	3.66 + 0.16	0.83	0.0	11	16	5	10	sw.	Gustave Schaefer.					
Franklin.	Simpson.	681	17	63.4	-3.5	86 1†	37 14	33	5.45 + 1.49	2.23	0.0	8	3	23	5	sw.	J. E. Newman.					
Greensburg.	Green.	581	18	60.1	-5.0	86 29	33 14	41	6.48 + 2.56	1.07	0.0	13	12	1	18	s.	L. C. Alcorn.					
Highbridge.	Jessamine.	762	8	59.2	-4.0	89 30	39 14	40	3.58 + 0.91	0.96	0.0	10	15	1	15	....	Miss Lulu Wood.					
Hopkinsville.	Christian.	524	14	64.2	-4.0	89 30	39 14	40	3.58 + 0.91	0.96	0.0	10	15	1	15	s.	W. F. Randle.					
Irvington.	Breckinridge.	12	61.8	-5.2	83 2†	37 14	34	3.55 + 0.04	1.07	0.0	8	16	3	12	sw.	W. J. Pigott.						
Leitchfield.	Grayson.	635	15	60.9	-4.3	81 1†	39 14	41	5.78 + 1.41	1.73	0.0	9	16	5	10	nv.	John E. Stone.					
Lexington.	Fayette.	989	23	50.1	-5.2	82 2	36 14	24	6.24 + 2.72	2.06	0.0	15	9	12	10	sw.	U. S. Weather Bureau.					
Loretto.	Marion.	681	13	61.2*	-5.0	83 <sup>a</sup> 1†	34 17	38	5.75 + 2.00	1.21	0.0	10	21 <sup>a</sup>	3 <sup>a</sup>	6 <sup>a</sup>	....	Loretto Academy.					
Louisville.	Jefferson.	525	33	62.5	-4.2	86 2	43 14	29	3.96 + 0.32	1.52	0.0</td											

TABLE 1.—*Climatological data for May, 1910. District No. 3—Continued.*

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit.				Precipitation, in inches.				Sky.				Prevailing wind direction.	Observers.					
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmeasured.	Number of rainy days, .01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.				
<i>Indiana—Cont'd.</i>																						
Kokomo.	Howard.	840	18	56.9 <sup>b</sup>	- 5.7	83 <sup>b</sup>	22	31 <sup>b</sup>	14	35 <sup>b</sup>	2.31	- 1.68	0.50	0.0	8	16	1	14	sw.	John W. Doty.		
Lafayette.	Tippencanoe.	617	31	56.5	- 4.7	80	22	33	14	33	4.24	- 0.17	0.62	0.0	12	14	5	12	s.	Wm. J. Jones, jr.		
Logansport.	Cass.	620	30	57.5	- 4.7	86	22	31	14	37	4.20	- 1.34	0.60	0.0	11	16	4	11	e.	Chas. Massena.		
Madison.	Jefferson.	460	18	60.5	- 5.0	85	22	35	14	36	4.27	- 0.19	1.00	0.0	14	15	4	12	w.	Dr. J. Cooperider.		
Marengo.	Crawford.	363	28	59.6 <sup>b</sup>	.....	85 <sup>b</sup>	9	32 <sup>b</sup>	14	52 <sup>b</sup>	6.80	+ 1.71	1.20	0.0	10 <sup>b</sup>	7 <sup>b</sup>	6 <sup>b</sup>	w.	J. M. Johnson.			
Marion.	Grant.	814	24	56.7	- 4.2	82	22	29	14	37	2.58	- 1.34	0.64	0.0	10	14	7	14	s.	James F. Hood.		
Markle.	Huntington.	814	15	53.6	- 6.3	90	22	29	5	38	2.40	- 1.44	0.50	0.0	8	12	10	9	sw.	I. S. Shideler.		
Mausy.	Rush.	980	30	56.2	- 4.8	89	22	31	5	38	4.03	- 0.40	0.90	0.0	11	12	7	12	sw.	Elwood Kirkwood.		
Moores Hill.	Dearborn.	9	58.2	.....	.....	82	22	32	14	35	4.87	.....	1.35	0.0	13	14	5	12	sw.	W. S. Bigney.		
Mount Vernon.	Posey.	410	24	62.3 <sup>a</sup>	- 3.8	90	12	41 <sup>a</sup>	5 <sup>t</sup>	35	2.63	- 1.10	0.82	0.0	11	18	0	13	s.	Chas. M. Spencer.		
Paoli.	Orange.	611	13	59.6	- 5.1	81	12	31	14	39	4.63	+ 0.61	1.35	0.0	10	10	13	8	sw.	James A. Gillum.		
Princeton.	Gibson.	481	28	59.8	- 4.7	84	22	32	14	42	3.15	- 0.48	0.90	0.0	6	22	3	6	nw.	Elisha Jones.		
Richmond.	Wayne.	972	25	55.8	- 4.9	81	22	29	5	40	4.79	+ 0.73	1.05	0.0	13	9	10	12	.....	Walter Vossler.		
Rochester.	Fulton.	775	7	56.8	- 6.5	81	22	34	14	31	2.98	.....	0.65	0.0	11	18	6	9	.....	G. P. Keith.		
Rockville.	Parke.	722	24	55.5	.....	78	22	34	14	26	3.39	- 0.22	0.68	0.0	10	13	7	11	s.	Dr. W. N. Wirt.		
Rome.	Perry.	370	7	62.8	.....	87	22	35	14	41	4.02	.....	1.25	0.0	14	16	5	10	w.	Adam Anspach.		
Salamonia.	Salmon.	5	55.4 <sup>b</sup>	.....	.....	78 <sup>b</sup>	2	28 <sup>b</sup>	5 <sup>t</sup>	40 <sup>b</sup>	3.61	.....	1.06	0.0	12	6 <sup>a</sup>	7 <sup>a</sup>	17 <sup>a</sup>	nw.	Chas. V. Skinner.		
Salem.	Washington.	717	17	58.0	- 4.9	83	22	32	14	36	5.41	+ 1.66	1.35	0.0	10	13	8	10	w.	Emmet S. Alleh.		
Scottsburg.	Scott.	570	16	61.7 <sup>a</sup>	- 3.8	85 <sup>a</sup>	1 <sup>t</sup>	38 <sup>a</sup>	14	39	5.49	+ 1.58	1.45	0.0	10	11 <sup>a</sup>	10 <sup>a</sup>	9 <sup>a</sup>	w.	Frank H. Park.		
Seymour.	Jackson.	610	23	58.8	- 4.8	82	22	31	14	39	3.94	- 0.23	1.01	0.0	11	8	18	5	w.	J. Robt. Blair.		
Shelbyville.	Shelby.	6	.....	.....	.....	82	22	31	14	39	3.94	- 0.23	1.01	0.0	11	8	18	5	w.	B. F. Crouch.		
Terre Haute.	Vigo.	498	20	61.6	- 3.2	89	2	37	4	29	4.14	+ 0.03	1.12	0.0	10	16	7	8	nw.	Prof. R. G. Gillum.		
Wheelersburg.	Fountain.	612	11	57.8	- 4.7	82	22	30	14	37	5.05	+ 1.22	1.00	0.0	14	20	4	7	n.	L. A. Culver, jr.		
Vevey.	Switzerland.	525	29	60.6	- 4.5	83	22	36	14	33	2.55	- 2.00	0.75	0.0	8	7	15	9	sw.	Miss Frederica Boerner.		
Vincennes.	Knox.	431	18	60.4	- 5.5	85	28	35	14	37	3.76	+ 0.24	0.85	0.0	12	16	4	11	nw.	Garrett V. List.		
Washington.	Davies.	484	14	59.6	- 5.0	80	2 <sup>t</sup>	36	14	33	4.06	+ 0.64	0.90	0.0	17	16	5	10	s.	Homer B. Turrell.		
Whitestown.	Boone.	2	55.9	.....	.....	78	22	31	14	38	3.43	.....	1.43	0.0	14	3	24	4	nw.	C. A. Stevenson.		
Winona Lake.	Kosciusko.	3	55.4	.....	.....	83	22	31	14	38	3.86	.....	1.16	T.	13	5	17	9	nw.	Rev. Albert A. Young.		
Worthington.	Greene.	526	28	60.4 <sup>a</sup>	- 2.8	81	2 <sup>t</sup>	34 <sup>a</sup>	14	36 <sup>a</sup>	3.04	- 1.02	0.80	0.0	10	15	10	6	s.	D. W. Soliday.		
<i>Illinois.</i>																						
Albion.	Edwards.	531	19	61.3	- 4.4	84	20 <sup>t</sup>	38	6 <sup>t</sup>	33	2.68	- 1.62	0.93	0.0	9	13	7	11	s.	B. F. Michels.		
Charleston.	Coles.	720	25	58.3	- 4.8	82	22	32	4 <sup>t</sup>	34	3.84	- 0.14	0.76	0.0	14	9	12	10	w.	Jacob B. Daisy.		
Equality.	Gallatin.	421	12	64.5	- 2.5	89	11	37	14	32	2.70	- 0.87	1.01	0.0	10	11	15	5	s.	Dr. L. W. Gordon.		
Fairfield.	Wayne.	495	17	61.6	- 4.1	84	20	35	14	35	3.77	- 0.11	1.24	0.0	9	16	0	15	nw.	Geo. A. Tromly.		
Flora.	Clay.	495	24	60.8	- 3.0	84	10 <sup>t</sup>	35	4 <sup>t</sup>	35	3.17	- 0.87	1.05	0.0	7	14	9	8	nw.	Jos. S. Peak.		
Golconda.	Pope.	500	32	63.4	- 3.8	86	29	39	14	34	3.58	- 0.50	0.78	0.0	12	8	9	14	sw.	Dr. D. Lawrence.		
Hooperston.	Vermilion.	715	8	56.6	.....	81	22	31	4 <sup>t</sup>	34	5.34	.....	1.70	0.0	14	20	4	7	.....	S. F. Hoskinson.		
McLeansboro.	Hamilton.	463	27	61.2	- 3.7	85	29	36	14	37	2.96	- 0.96	1.05	0.0	8	15	6	10	w.	C. C. Judd.		
Martinsville.	Clark.	630	22	58.8	- 5.0	83	22	31	4 <sup>t</sup>	31	4	40	4.63	+ 0.40	1.00	0.0	9	7	14	10	n.	G. M. Daugherty.
Mount Carmel.	Wabash.	494	9	59.7	.....	83	29	37	14	34	3.08	.....	0.88	0.0	14	16	4	11	s.	Mrs. H. M. Phillips.		
New Burnside.	Johnson.	556	15	62.2	- 5.0	83	2 <sup>t</sup>	36	14	38	2.96	- 1.07	1.60	0.0	4	18	3	12	e.	Geo. Harris.		
Oiney.	Richland.	486	23	61.0	- 4.1	83	10	34	14	34	5.18	+ 1.38	1.52	0.0	12	8	11	12	sc.	Victor E. Phillips.		
Palestine.	Crawford.	500	28	61.2	- 2.3	81	20 <sup>t</sup>	35	14	33	3.37	- 0.29	0.81	0.0	9	12	7	12	sw.	Duane Shaw.		
Paris.	Edgar.	600	17	58.2	- 4.9	86	29	32	4	36	4.13	+ 0.07	0.93	0.0	9	14	12	5	sw.	H. P. Twymann.		
Philo.	Champaign.	700	26	56.1	- 5.4	80	22 <sup>t</sup>	31	14	35	5.41	+ 1.32	1.18	0.0	11	12	11	8	nw.	H. A. Burr.		
Rantoul.	do.	768	19	56.3	- 5.5	81	28	32	4 <sup>t</sup>	35	6.56	+ 1.99	1.70	0.0	13	18	6	7	ne.	Wm. Breiner.		
Robinson.	Crawford.	500	10	60.0	- 3.5	85	1	36	14	32	3.55	- 0.75	0.75	0.0	10	14	10	7	sw.	A. P. Woodworth.		
Sumner.	Lawrence.	459	2	60.9	.....	80	20	35	14	31	3.80	.....	1.00	0.0	8	11	12	n.	O. A. Fyffe.			
Tucola.	Douglas.	644	17	57.1	- 5.2	83	22	30	4	40	5.88	+ 2.08	0.04	0.0	12	17	4	10	w.	E. W. Lester.		
Urbania.	Champaign.	725	8	57.0	.....	79	28	34	4	31	5.35	.....	1.50	0.0	11	1	28	2	ne.	Prof. J. G. Mosier.		

<sup>a</sup>, <sup>b</sup>, <sup>c</sup>, etc., indicate, respectively, 1, 2, 3, etc., days missing from the record.

\* Precipitation included in that of the next measurement.

\*\* Temperature extremes are from observed readings of the dry-bulb; means are computed from observed readings.

† Also on other dates.

‡ Separate dates of falls not recorded.

§ Data are from standard instruments not supplied by the U. S. Weather Bureau.

|| Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

Estimate by observer.

¶ Precipitation for the 24 hours ending on the morning when it is measured.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 2.—*Daily precipitation for May, 1910. District No. 3, Ohio Valley.*

TABLE 2.—*Daily precipitation for May, 1910. District No. 3—Continued.*

TABLE 2.—*Daily precipitation for May 1910. District No. 3—Continued.*

TABLE 2.—*Daily precipitation for May, 1910. District No. 3—Continued.*

TABLE 3.—*Maximum and minimum temperatures at selected stations, May, 1910.* District No. 3, Ohio Valley.

TABLE 3.—*Maximum and minimum temperature at selected stations, May, 1910. District No. 9—Continued.*

Date.	Kentucky.												Indiana.																											
	Bowling Green. Ky.			Erlington. Ky.			Greensburg. Ky.			Lexington.			Louisville.			Maysville. Ky.			Williamsburg. Ky.			Butler. Ky.			Evansville.			Indianapolis.			Kokomo.			Rockville.			Worthington.			Philo, Ill.
Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.					
1...	88	57	84	65	84	57	80	58	83	64	86	52	87	53	81	59	77	62	74	58	80	53	75	59	79	60	73	61	73	46										
2...	88	58	86	64	85	54	82	61	86	65	88	54	88	50	83	58	80	65	78	52	80	53	74	48	81	60	73	43	73	43										
3...	65	62	55	51	73	56	67	45	70	51	67	55	78	55	73	48	65	50	56	44	58	42	49	43	74	47	56	40	56	40										
4...	68	48	63	50	62	42	56	39	60	43	62	44	63	48	60	35	60	45	57	38	59	33	58	34	62	36	59	33	59	33										
5...	73	41	69	38	74	37	58	38	61	43	60	34	67	39	62	36	63	43	58	38	62	32	55	37	65	37	61	34	61	34										
6...	69	46	64	45	76	39	62	40	63	45	68	32	70	36	64	37	62	50	61	43	65	35	56	43	66	44	63	40	63	40										
7...	77	48	64	49	72	42	62	46	66	48	62	35	70	47	57	45	71	50	55	45	62	35	56	43	60	47	55	44	55	44										
8...	63	46	58	49	65	46	62	50	64	52	72	45	70	50	61	48	55	49	55	48	63	49	54	47	53	48	51	46	51	46										
9...	80	50	78	49	75	47	70	47	76	50	74	59	73	51	73	47	75	49	74	47	79	47	67	47	71	46	73	39	73	39										
10...	84	54	83	51	83	45	77	57	82	61	83	50	83	48	79	50	78	59	74	53	75	46	70	51	81	50	78	46	78	46										
11...	87	57	85	50	82	53	69	52	69	55	66	53	85	61	64	54	74	54	59	44	44	71	49	66	49	72	55	62	46											
12...	72	53	68	42	68	49	61	47	64	47	65	45	67	54	62	40	65	46	60	39	61	32	50	36	64	37	61	35	61	35										
13...	67	44	66	39	64	38	57	41	62	45	61	35	60	39	60	33	63	45	54	40	60	34	50	38	62	36	55	35	55	35										
14...	70	37	69	36	65	33	55	36	61	43	59	32	63	36	61	31	62	42	58	36	63	31	60	34	63	34	62	31	62	31										
15...	71	37	70	37	70	33	63	39	68	44	70	31	71	34	66	37	66	44	63	40	66	37	57	41	65	41	63	40	63	40										
16...	63	53	68	52	59	40	58	53	64	55	67	45	58	37	64	53	66	58	64	53	71	49	60	53	65	53	70	52	65	52										
17...	65	52	71	56	60	50	59	52	63	54	64	46	65	52	61	50	67	56	63	52	64	49	60	53	63	55	65	53	65	53										
18...	80	46	80	43	88	41	69	48	74	72	75	48	74	50	72	47	74	51	72	50	77	51	64	46	74	44	75	43	75	43										
19...	81	45	79	44	79	40	76	52	75	52	80	44	79	42	73	45	73	52	72	52	80	45	67	50	74	45	76	43	76	43										
20...	81	60	79	52	78	50	74	61	79	63	78	43	80	54	77	59	76	64	76	59	72	60	79	62	78	57	78	57	78	57										
21...	84	60	75	61	79	55	77	61	81	65	81	48	85	60	78	62	74	65	76	57	72	63	79	64	77	61	79	61	79	61										
22...	85	60	85	62	79	59	76	63	79	64	82	61	83	61	77	61	79	64	78	62	83	74	78	68	80	62	80	58	80	58										
23...	82	62	80	62	78	60	75	63	76	64	76	61	86	60	72	61	75	62	68	59	72	66	74	60	76	64	70	56	70	56										
24...	77	60	72	62	76	57	70	60	70	60	75	60	80	62	71	58	69	60	72	56	70	55	61	54	73	57	68	53	73	53										
25...	76	53	72	50	79	50	67	51	72	55	71	49	69	53	72	50	71	54	67	50	68	43	62	46	72	55	65	65	65	43										
26...	76	51	78	52	73	45	67	48	72	50	70	44	73	46	71	42	72	56	66	47	70	38	59	44	74	41	68	41	68	41										
27...	80	49	78	51	73	42	67	46	71	47	73	40	74	45	72	38	70	50	70	43	76	36	60	39	73	40	70	35	70	35										
28...	85	45	85	47	79	40	74	51	80	51	82	40	81	42	78	42	80	53	76	51	78	46	68	46	80	44	80	46	80	46										
29...	88	50	85	53	86	45	78	54	83	58	82	44	84	43	78	56	83	64	77	54	75	52	69	61	78	60	75	61	75	61										
30...	80	53	79	51	75	49	71	52	76	59	74	53	76	55	73	53	76	59	66	48	66	44	65	50	74	54	68	47	68	47										
31...	76	48	75	45	70	43	66	47	71	51	63	45	70	46	70	45	72	53	60	45	55	40	64	44	70	45	66	39	66	39										
Mns	76.8	51.1	74.2	50.5	73.8	40.4	67.0	50.3	71.6	53.4	72.1	46.0	74.6	48.7	69.8	47.7	70.7	54.0	66.4	48.5	69.1 <sup>b</sup>	44.7 <sup>b</sup>	63.0	48.0	71.2	40.7 <sup>a</sup>	67.5	44.7												